

# Certificate of Biostatistics

27 July 2025

To whom it may concern

Title of study: Predicting Lymph Node Metastasis in Colorectal Cancer Using Case-Level Multiple Instance Learning

Chief investigator: Ling-Feng Zou, Department of Pathology, Chongqing Traditional Chinese Medicine Hospital, Chongqing, China

This letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

My expertise is in the fields of bioinformatics and medical statistics, with significant experience in applying computational methods to complex biological data. I have published peer-reviewed research on the development and validation of bioinformatics methodologies, which provides me with the necessary qualifications to assess the statistical approach of this study.

Sincerely,

Cheng-Long Wang, Department of Pathology, Chongqing Traditional Chinese Medicine Hospital, Chongqing, China